

Missouri Vocational Enterprises

P.O. Box 236

Jefferson City, Missouri 65102

## Developmental Product Safety Information Sheet

Date: December 27, 1990

Emergency Telephone:

(573)-751-6663

Page 1 of 2

Chemtec:

### Section 1: Product Data

Code No.:

Product Name:

Precautions:

Product Class:

F-436 Powdered Fabric  
Softener/Sanitizer

### Section 2: Hazardous Ingredients/CAS#

%

OSHA PEL (ppm)

ACGIH TWA (ppm)

None

### Section 2A: Hazardous By-Products

None

Identified as carcinogen by OSHA, IARC, or NTP

### Section 3: Physical Data

Flash Point: 200 °F ( Method =

Vapor Density: ~~Lighter/Heavier Than Air~~

Boiling Point: NA °F

Vapor Pressure: ND (mm Hg)

Volatiles: 0-2 % (by Weight)  
(Volatiles = Boiling Point ≤ 400°F)

pH: 10.8 @ 1 % Solids in Aqueous Medium

Evaporation Rate: Faster/Slower Than Ethyl Ether

Solubility in Water: Complete/Partial/None

LEL(%): NA

Flammability Limits: UEL(%): NA

Appearance At 70°F powder

N.D. = Not Determined, N.A. = Not Applicable

### Section 4: Fire, Explosion and Reactivity Data

Extinguishing Media: CO<sub>2</sub>, Dry Chemical, Synthetic Foam, or Water. Type BC or ABC Extinguishers

Unusual Fire and Explosion Hazards: Strong Acids And Bases React With Aluminum To Form Hydrogen Which Is Explosive If Ignited. Dust May Present An Explosion Hazard.  
Fluorocarbons Will Develop Pressure In Containers Heated Above 75°F.

Special Fire Fighting Procedures: Use Self-Contained Breathing Apparatus for maximum respiratory protection.  
Water may be used to cool containers if not ruptured or leaking

Stability: Stable/Unstable

Hazardous Polymerization: Will Not Occur at Ambient Temperatures

Compatibility: Strong oxidizing agents  
(Materials To Avoid)

Hazardous Decomposition Products: Nitrous oxides, ammoniacal vapors.

## Developmental Product Safety Information Sheet

### Section 5: Health Hazard Data

**Effects of Exposure:** Contact with eyes causes irritation. Prolonged or repeated contact with skin may cause irritation. Dusts, vapors, or mists may irritate respiratory passages. If corrosive, (see Section 1), contact may cause chemical burns. If alcohol or other solvents are present above TLV, (see Section 2), vapors may cause drowsiness, nausea, loss of motor skills, or disorientation.

### Emergency and First Aid Precautions:

**Eye Contact:** Flush eyes immediately with plenty of water for at least 15 minutes.

**Skin Contact:** Wash off skin and remove contaminated clothing. Do not reuse contaminated clothing.

**Inhalation:** If dust, vapors, or mist cause distress, remove to fresh air. Use oxygen or artificial respiration, if needed.

**Ingestion:** If swallowed, consult a physician immediately.

If Symptoms Persist, Consult A Physician.

### Section 6: Environmental Protection

#### Spill & Leak Response Procedure:

- Contain all spills and leaks to prevent discharge to the environment.
- Ventilate area.
- If flammable or combustible, (see Section 1), avoid spark, fires and open flames, and use non-sparking equipment.
- If strong acid, (see Section 3), carefully neutralize with lime, sodium carbonate or sodium bicarbonate.

**Small Spill:** Soak up with absorbent. Shovel into waste containers. Flush area with water.

**Large Spill:** Recover spilled material for reprocessing or disposal.

**Waste Disposal Method:** Recover liquid or dispose waste material, (incineration is preferred), in accordance with all applicable federal, state, and local regulations and laws. Material collected with absorbent may be disposed of in a permitted landfill in accordance with all applicable federal, state, and local regulations and laws.

### Section 7: Special Protection Information

**Eye Protection:** Wear goggles or full face shield when handling to avoid contact with face or eyes.

**Ventilation:** Provide adequate ventilation. Keep hazardous ingredients below their TLV.

**Other Protective Equipment:** Use impervious gloves and any other protective equipment to prevent prolonged or repeated contact.

**Respiratory Protection:** If vapors, fumes, or dusts are present use a MSHA or NIOSH approved respirator, a fresh air breathing apparatus, or a self-contained breathing apparatus.

### Section 8: Special Precautions

**Handling and Storage:** Avoid overheating or freezing. (See Section 3) Store in a cool, well-ventilated area. If flammable or combustible, (see Section 1), avoid sparks, fires, and open flames. Ground equipment when transferring or using material.

Do Not Take Internally!  
If Ingested, Call A Physician!  
Do Not Inhale Vapors, Fumes, Or Dusts!  
Wash Thoroughly After Handling!  
Spilled Material Is Slippery!

### Section 9: Disclaimer

Neither this data sheet nor any statement contained herein grants or extends any license express or implied, in connection with patents issued or pending which may be the property of the manufacturer or others. The information in this data sheet has been assembled by the manufacturer based on its own study and on the work of others. The manufacturer makes no warranties, expressed or implied, as to the accuracy, completeness, or adequacy of the information contained herein. The manufacturer shall not be liable (regardless of fault) to the vendee, the vendee's employees, or anyone for any direct, special, or consequential damages arising out of or in connection with the accuracy, completeness, adequacy, or furnishing of such information.